A Guide to Funding Opportunities for Innovation and Cluster-Based Economic Development

How to Navigate the Funding Process

U.S. Senator Kirsten E. Gillibrand New York



2011

*Note: This document will be updated as information becomes available.

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Introduction

Dear Fellow New Yorker,

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No other state is poised to lead in the high-tech economy of the future like New York. Our state is home to the universities, businesses, laboratories, researchers and the bright minds we need for long-term economic strength. From pushing for the permanent extension of the R&D tax credit to supporting legislation that fulfills workforce needs and supports entrepreneurs and business incubators, I have long been an advocate for federal policy that harnesses all of our state's potential to spark new industries, attract businesses and create new high-paying jobs. To grow the economy, businesses must work together and draw on regional strengths that can attract more investment to the area. The information in this guidebook details economic development programs that can help enable our communities, businesses and universities to do just that, capitalizing on cluster-based economic development strategies that foster regional economic growth.

Finding the resources that meet your needs in the complex web of federal and state agencies can be an almost impossible task. For this reason, I have created this guidebook to serve as a starting point in identifying what resources are available to individuals, businesses, community organizations and local governments. The guidebook's contents are by no means comprehensive, and as new programs and opportunities emerge, it will be updated to provide New Yorkers with the most information possible.

My Senate website (www.gillibrand.senate.gov) is continually updated with critical information about various funding opportunities that are available to you, how to access them, and where to apply. You should note that in addition to the programs listed below, you may be interested in my small business, green energy, and agriculture and rural development guidebooks for funding ideas for your economic development needs. These guidebooks, along with over ten others on specific funding topics, can be found on the following site: http://gillibrand.senate.gov/services/grants_central/. As you move forward with any grant opportunities, please contact Abe Hiatt, my grants director, for letters of support when applicable. You can reach him in my Washington, D.C. Office at grants.grants@gillibrand.senate.gov, or (202)-224-

Sincerely,

Kirsten E. Gillibrand

Kirsten E. Gillibrand

Federal Section I:

United States Economic Development Administration

The U.S. Economic Development Administration (EDA) has the mission of leading the federal economic development agenda by promoting competitiveness and preparing American regions for growth and success in the worldwide economy. EDA is an agency within the U.S. Department of Commerce that partners with distressed communities throughout the United States to foster job creation, collaboration and innovation.

In carrying out this mission, the Administration administers a variety of programs, including funding opportunities that support workforce development and job creation.

1) Planning and Local Technical Assistance Programs

This program provides grant-based investments under the Planning and Local Technical Assistance Programs. These programs will help communities develop the planning and technical expertise to support communities and regions in their comprehensive, entrepreneurial, and innovation-based economic development efforts. Resulting in increased private investment and higher-skill, higher-wage jobs in areas experiencing substantial and persistent economic distress, these programs are designed to enhance the competitiveness of regions.

Additional Information:

- ➤ Under this program, EDA provides assistance to eligible recipients to create regional economic development plans in order to stimulate and guide the economic development efforts of a community or region. As part of this program, EDA supports Partnership Planning investments to facilitate the development, implementation, revision, or replacement of comprehensive economic development strategies.
- Applications are accepted by the EDA on a rolling basis and processed as received. Applications are accepted through grants.gov.

Eligibility:

Eligible applicants for and eligible recipients of EDA investment assistance include: (1) District Organizations; (2) Indian Tribes or a consortium of Indian Tribes; (3) States, cities or other political subdivisions of a State, including special purpose units of a State or local government engaged in economic or infrastructure development activities, or a consortium of political subdivisions; (4) institutions of higher education or a consortium of institutions of higher education; or (5) public or private non-profit organizations or associations acting in cooperation with officials of a political subdivision of a State.

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 The Curtis Center-Suite 140 South
 601 Walnut Street
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2) Economic Development Assistance Programs

➤ Grants made under these programs will focus on innovation and regional collaboration to create and retain higher wage and sustainable jobs, leverage the flow of private capital, encourage economic development, and strengthen America's ability to compete in the global marketplace.

Additional Information:

- ➤ Applications must address national strategic priorities, including technology-led development, support for small- and medium-sized businesses, global competitiveness and innovation, economic dislocation due to auto industry restructuring or natural disasters, commercializing research, and environmentally sustainable development.
- Successful applications will also assist economically distressed and underserved communities, demonstrate a good return on EDA investment, demonstrate or support regional collaboration to support the growth of innovation clusters, and employ public-private partnerships to leverage a expertise.

Eligibility:

Eligible applicants for and eligible recipients of EDA investment assistance include: (1) District Organizations; (2) Indian Tribes or a consortium of Indian Tribes; (3) States, cities or other political subdivisions of a State, including special purpose units of a State or local government engaged in economic or infrastructure development activities, or a consortium of political subdivisions; (4) institutions of higher education or a consortium of institutions of higher education; or (5) public or private non-profit organizations or associations acting in cooperation with officials of a political subdivision of a State.

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3) Triple Bottom Line Accounting Competition

➤ EDA seeks applications to research, develop, and disseminate metrics to enable policymakers and practitioners to more effectively understand how to assess the triple bottom line (economic, environmental, and social impacts) of various economic development activities.

Additional Information:

- EDA solicits competitive applications from organizations or consortia that will build on the existing body of research and experience related to the triple bottom line concept to identify, develop, and disseminate appropriate metrics for practitioners and policymakers to utilize and assess the broad array of impacts that economic development efforts have in their regions.
- Applications must provide a literature review outlining key research, assess how the concept is currently being employed to identify best practices, identify variables and data sources, create a triple bottom line index for policymakers and practitioners, create a web-based tool and produce a final report.

Eligibility:

Eligible applicants for and eligible recipients of EDA investment assistance include: (1) District Organizations; (2) Indian Tribes or a consortium of Indian Tribes; (3) States, cities or other political subdivisions of a State, including special purpose units of a State or local government engaged in economic or infrastructure development activities, or a consortium of political subdivisions; (4) institutions of higher education or a consortium of institutions of higher education; or (5) public or private non-profit organizations or associations acting in cooperation with officials of a political subdivision of a State.

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4) Mapping Regional Innovation Clusters Project

> EDA seeks applications to develop, implement, and disseminate information that will enable policymakers and practitioners to more effectively understand the regional innovation clusters that drive the national economy and how regional assets and innovation inputs help shape these clusters at the local level.

Additional Information:

- This program proposes and supports a study to implement systems for establishing and supporting innovation clusters.
- Applications must solicit input from practitioners and policymakers, develop a method for identifying regional innovation clusters, develop a national map of regional innovation clusters, create an interactive mapping tool, feature case studies of effective regional innovation clusters, develop a toolkit for regions, identify metrics for success in the evaluation of innovation clusters, and identify the sustainability of the project.

Eligibility:

- Eligible applicants for and eligible recipients of EDA investment assistance include: (1) District Organizations; (2) Indian Tribes or a consortium of Indian Tribes; (3) States, cities or other political subdivisions of a State, including special purpose units of a State or local government engaged in economic or infrastructure development activities, or a consortium of political subdivisions; (4) institutions of higher education or a consortium of institutions of higher education; or (5) public or private non-profit organizations or associations acting in cooperation with officials of a political subdivision of a State.
- For-profit, private-sector entities also are eligible for investment assistance under the Research and Evaluation program to carry out specific research or for other purposes

Contact Information:

Hillary Sherman-Zelenka (202) 482-3357 HSherman@eda.doc.gov

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5) i6 Challenge Grants

The i6 Challenge seeks to identify and support the nation's best ideas for technology commercialization and entrepreneurship in six different regions of the country. The winning team from each region will receive \$1 million from EDA to support their project and may be eligible for additional awards from NIH and NSF.

Additional Information:

- The i6 Challenge is designed to encourage and reward innovative, ground-breaking ideas that will accelerate technology commercialization and new venture formation across the United States, for the ultimate purpose of helping to drive economic growth and job creation.
- Applicants to the i6 Challenge are expected to propose mechanisms to fill in existing gaps in the continuum or leverage existing infrastructure and institutions, such as economic development organizations, academic institutions, or other non-profit organizations, in new and innovative ways to achieve the i6 objectives.

Eligibility:

Eligible applicants for and eligible recipients of EDA investment assistance include: (1) District Organizations; (2) Indian Tribes or a consortium of Indian Tribes; (3) States, cities or other political subdivisions of a State, including special purpose units of a State or local government engaged in economic or infrastructure development activities, or a consortium of political subdivisions; (4) institutions of higher education or a consortium of institutions of higher education; or (5) public or private non-profit organizations or associations acting in cooperation with officials of a political subdivision of a State.

Contact Information:

Email <u>i6@doc.gov</u> for additional information

6) Comprehensive Economic Development Strategy (CEDS)

A comprehensive economic development strategy (CEDS) is designed to bring together the public and private sectors in the creation of an economic roadmap to diversify and strengthen regional economies. The CEDS should analyze the regional economy and serve as a guide for establishing regional goals and objectives, developing and implementing a regional plan of action, and identifying investment priorities and funding sources.

Additional Information:

➤ This program is intended to help Planning Organizations that aim to formulate and implement a regional economic development program. Successful economic development efforts are based on CEDS that provide an economic roadmap to diversify and strengthen regional economies.

Eligibility:

- Two types of groups important to the CEDS process:
 - O Planning Organization: Typically an Economic Development District (EDD) or Indian Tribe that oversees economic activity and growth in a given area.
 - O Strategy Committee: This is a group that develops and eventually replaces the CEDS. This group must represent the main economic interests of the region and also must include private sector representatives.

Contact Information:

Visit http://www.eda.gov/PDF/CEDSFlyer081706.pdf for additional information

Federal Section II: United States Small Business Administration Small Business Innovation Research Program (SBIR)

The Small Business Innovation Research Program is coordinated by the Small Business Administration, in which 2.5% of the total extramural research budgets of all federal agencies with extramural research budgets in excess of \$100 million are reserved for contracts or grants to small businesses. In 2010, that represented over \$1 billion in research funds.

SBIR is a highly competitive program that encourages small business to explore their technological potential and provides the incentive to profit from its commercialization. By including qualified small businesses in the nation's R&D arena, high-tech innovation is stimulated and the United States gains entrepreneurial spirit as it meets its specific research and development needs.

SBIR targets the entrepreneurial sector because that is where most innovation and innovators thrive. However, the risk and expense of conducting serious R&D efforts are often beyond the means of many small businesses. By reserving a specific percentage of federal R&D funds for small business, SBIR protects the small business and enables it to compete on the same level as larger businesses. SBIR funds the critical startup and development stages and it encourages the commercialization of the technology, product, or service, which, in turn, stimulates the U.S. economy.

Each year, eleven federal departments and agencies are required by SBIR to reserve a portion of their R&D funds for award to small business. The following information is broken down by the resources and programs available within each department SBIR program. Much of the work is done in multiple phases; I and II detail the creation of a certain project whereas III deals with the eventual commercialization of the resultant product.

For complete information on the SBIR Program, you can go to the following link: http://www.sbir.gov/index.html

1) U.S. Department of Agriculture SBIR Program

➤ The Small Business Innovation Research (SBIR) program at the U.S. Department of Agriculture (USDA) makes competitively awarded grants to qualified small businesses to support high quality, advanced concepts research related to important scientific problems and opportunities in agriculture that could lead to significant public benefit if successful.

Additional Information:

➤ The main programs executed by the USDA are Small Business Innovation Research Program, Phases I and II. SBIR Phase I grants are limited to \$100,000 and duration of 8 months and are open to any small business concern that meets the SBIR eligibility requirements. SBIR Phase II grants are limited to \$500,000 and duration of 24 months and are only open to previous Phase I awardees. SBIR program funds are allocated in proportion to the number of proposals received over 10 broad topic areas.

Eligibility:

- For Phase I, small businesses and small proprietorships that are in business for profit are eligible to submit applications to this program. Each organization submitting a proposal must qualify as a small business concern for research or research and development purposes.
- For Phase II, each above requirement must be met in addition to the receipt of a Phase I grant.

Contact Information:

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 National Program Leader
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 800 9th St., SW,
 Washington, DC 20024
 (202) 401-4002
 http://www.nifa.usda.gov/funding/sbir/sbir.html

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2) <u>U.S. Department of Commerce – National Institute of Standards</u> and <u>Technology SBIR Program</u>

- The National Institute of Standards and Technology's (NIST) Small Business Innovation Research (SBIR) program solicits from small businesses scientific and engineering related R&D proposals for contracts that respond to specific technical needs that are specified in the annual solicitation that will be posted here: http://www.nist.gov/tpo/sbir/.
- Only proposals responding to those specific technical needs expressed in the NIST Solicitation will be reviewed and evaluated for possible funding.

Additional Information:

- SBIR Programs do not fund projects that have already established a proof-of-concept. The first phase of any SBIR award is a feasibility study, and that phase may not be skipped.
- The NIST SBIR Program awards contracts as the funding agreement type for its awards. As such, research conducted by small businesses awarded NIST SBIR funds perform R&D in accordance with Federal Acquisition Regulation (FAR) rules and under the supervision of a NIST technical representative that monitors the progress of the R&D.
- ➤ The NIST SBIR Program does not award grants.

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Eligibility:

Specific eligibility requirements and evaluation criteria for NIST's SBIR program can be found at the following site: http://www.nist.gov/tpo/sbir/participation-eligibility-and-evaluation-criteria.cfm

Contact Information:

➤ SBIR Program
Technology Partnerships Office
100 Bureau Drive, M/S 2200
Gaithersburg, MD 20899-2200
(301) 975-6691 or (301) 975-4188
sbir@nist.gov

3) U.S. Department of Commerce - National Oceanic and Atmospheric Administration (NOAA) SBIR Program

- NOAA's Office of Research and Technology Applications (ORTA) SBIR functions are NOAA-wide. ORTA invites small businesses to submit research proposals that meet the needs of the spefically-defined research areas announced in the annual solicitation.
- Dijectives of this program include stimulating technological innovation in the private sector and strengthening the role of small business in meeting federal research and development (R&D) needs. This program also seeks to increase the commercial application of innovations derived from federal research and to foster and encourage participation by socially and economically disadvantaged and woman-owned small businesses.

Additional Information:

- The NOAA SBIR Program is not a substitute for existing unsolicited proposal mechanisms.
- Unsolicited proposals are not accepted under the SBIR program.
- NOAA's SBIR Program only awards contracts, not grants.
- > The following ORTA website will announce the annual SBIR solicitation, which includes details on the desired research topics and eligibility requirements: http://www.oar.noaa.gov/orta/

Contact Information:

DOC NOAA SBIR Program Manager 1335 East West Highway Silver Spring, MD 20910-3284 (301) 713-3565

Joseph.bishop@noaa.gov

4) U.S. Department of Defense (DoD) SBIR Program

- The DoD SBIR program, funded at over \$1 billion annually, is made up of 12 participating components: Army, Navy, Air Force, Missile Defense Agency (MDA), Defense Advanced Research Projects Agency (DARPA), Chemical Biological Defense (CBD), Special Operations Command (SOCOM), Defense Threat Reduction Agency (DTRA), National Geospatial-Intelligence Agency (NGA), Defense Logistics Agency (DLA), Defense Microelectronics Activity (DMEA), and Defense Research & Engineering (DDR&E).
- These programs are intended to fund early-stage research and development at small technology companies.

Additional Information:

- The main programs executed by the DOD SBIR are accomplished in two phases.
- The Small Business Innovation Research program funds early-stage R&D at small technology companies and is designed to stimulate technological innovation, increase private sector commercialization of federal research and development, increase small business participation in federally funded research and development, and foster participation by minority and disadvantaged firms in technology.

Eligibility:

➤ In order to be eligible, a firm must be a U.S. for-profit small business of 500 or fewer employees, work must be performed in the United States, a minimum of 2/3 of the effort must be performed by the proposing firm during Phase I, a minimum of 1/2 of the effort in Phase II, and the Principal Investigator must spend more than 1/2 of the time employed by the proposing firm

Contact Information:

Christopher S. Rinaldi DOD SBIR Program Administrator 866-724-7457 http://www.acq.osd.mil/osbp/sbir/

5) U.S. Department of Education SBIR Program

This program funds research and development projects that propose a sound approach to the investigation of an important education or assistive technology, science, or engineering question under topics identified each year in the solicitation. The purpose of the program is to stimulate technological innovation, increase small business participation in federal research and development, foster and encourage participation by minority and disadvantaged persons in technological innovation, and increase private sector commercialization of technology derived from federal research and development.

Additional Information:

- Each year, the program funds Phase I feasibility projects for approximately six months. After completion of the Phase I stage, most of these businesses can compete for Phase II awards. Phase II awards can last up to 24 months.
- The objective of Phase I is to determine the scientific or technical merit and feasibility of the proposed research or research and development (R/R&D) efforts. The Phase I period concentrates on the R/R&D efforts that prove the scientific or technical feasibility of the approach or concept and serves as a prerequisite for further Department of Education support in Phase II. Phase I awards are for periods up to 6 months in amounts up to \$100,000.
- The objective of Phase II is to continue the R/R&D effort initiated in Phase I with approaches that appear sufficiently promising as a result of Phase I. Phase II awards are for periods up to 2 years in amounts up to \$750,000.

Eligibility:

➤ In order to be eligible, the company must at least be 51% American-owned and independently operated, be located in the U.S., be a for-profit business with no more than 500 employees, and the principal researcher must be primarily employed with the business throughout the project.

Contact Information:

Edward Metz, Ph.D.
Education Research Analyst
Institute of Education Sciences
US Department of Education
555 New Jersey Avenue, NW, Suite 608D
Washington, DC 20208
(202) 208-1983
http://www2.ed.gov/programs/sbir/index.html

6) U.S. Department of Energy (DOE) SBIR Program

Each year (typically around the beginning of October), DOE issues a solicitation inviting small businesses to apply for SBIR Phase I grants. The program contains technical topics in such research areas as energy production, energy use, fundamental energy sciences, environmental management, and nuclear nonproliferation. Grant applications submitted by small businesses must respond to a specific topic and subtopic during an open solicitation.

Additional Information:

- The solicitation contains technical topics in such research areas as energy production (fossil, nuclear, renewable, and fusion), energy use (in buildings, vehicles, and industry), fundamental energy sciences (materials, life, environmental, and computational), environmental management, and nuclear nonproliferation.
- ➤ Phase I explores the feasibility of innovative concepts with awards up to \$100,000 for about 9 months.
- ➤ Phase II focuses on the principal R&D effort, with awards up to \$750,000, over a two-year period.

Eligibility:

➤ In order to be eligible, the company must be at least 51% American-owned and independently operated, be located in the U.S., be a for-profit business with no more than 500 employees, and the principal researcher must be primarily employed with the business throughout the project.

Contact Information:

➤ U.S. Department of Energy SBIR Office SC-21.3
Germantown Building 1000 Independence Ave., SW Washington, DC 20585-1290 301-903-5707
http://www.er.doe.gov/sbir/

7) U.S. Department of Health and Human Services (HHS) SBIR Program

The objectives of the HHS SBIR program, operated through the National Institutes of Health (NIH), include stimulating technological innovation in the private sector, strengthening the role of small business in meeting federal R/R&D needs, increasing private sector commercialization of innovations developed through federal SBIR R&D, increasing small business participation in federal R&D, and fostering and encouraging participation by socially and economically disadvantaged small business concerns and women-owned small business concerns in the SBIR program

Additional Information:

- ➤ The solicitation contains technical topics for projects in cancer, alternative medicine, research resources, heart, lung and blood, alcohol abuse, drug abuse, environmental health, disease prevention, and sexually transmitted diseases and infections.
- The objective of Phase I is to determine the scientific or technical feasibility and commercial merit of the proposed research or R&D efforts and the quality of performance of the small business concern, prior to solicitation for SBIR Contract Proposals Federal support in Phase II. Phase I awards normally may not exceed \$150,000 for direct costs, indirect costs, and profit (fixed fee) for a period normally not to exceed 6 months.
- ➤ The objective of Phase II is to continue the research or R&D efforts initiated in Phase I. Funding shall be based on the results of Phase I and the scientific and technical merit and commercial potential of the Phase II proposal. Phase II awards normally may not exceed \$1,000,000 for direct costs, indirect costs, and profit (fixed fee) for a period normally not to exceed two years.

Eligibility:

In order to be eligible, the company must be at least 51% American-owned and independently operated, be located in the U.S., be a for-profit business with no more than 500 employees, and the principal researcher must be primarily employed with the business throughout the project.

Contact Information:

Dr. Paul Smutz
 Office of Extramural Research
 Office of the Associate Director for Science

Phone: (404) 639-4783 Fax (404) 639-4903

http://grants.nih.gov/grants/funding/sbir.htm#funding

8) U.S. Department of Homeland Security (DHS) SBIR Program

- The DHS Science and Technology Directorate (S&T) SBIR Program was initiated in 2004. For the DHS S&T SBIR Program, two solicitations are issued per year. Generally, they will be issued in November and May.
- Solicitation topics are developed by Program Managers in each of the Science and Technology (S&T) Divisions. The annual solicitations consist of topics that are relevant to the Borders and Maritime Security, Chemical/Biological Defense, Cyber Security, Explosives, Human Factors/Behavioral Sciences, and Infrastructure Protection and Disaster Management Divisions.

Additional Information:

- Similar to the R&D programs of the S&T Directorate, the SBIR topics generally address the needs of the seven DHS Operational Units, i.e., U.S. Coast Guard, U.S. Transportation Security Administration, U.S. Customs and Border Protection, Federal Emergency Management Agency, U.S. Citizenship and Immigration Services, U.S. Immigration and Customs Enforcement, and U.S. Secret Service, as well as First Responders.
- For the Phase II SBIR effort, the DHS S&T SBIR Program has a Cost Match feature for SBIR projects that attract matching cash from an outside investor. The purpose is to focus SBIR funding on those projects that are most likely to be developed into viable new products that DHS and others will buy and that will thereby make a major contribution to homeland security and/or economic capabilities. The following link has more information about the cost match feature: https://www.sbir.dhs.gov/CostMatchInfo.aspx
- The DHS S&T SBIR Program has several processes in place to accelerate the Phase I and Phase II award process to further satisfy operational requirements and commercial application. Phase I awards are typically made within 90 days of selection. Invited Phase II projects will be reviewed and awards will be made incrementally, as quickly as possible under the Jump Start feature, to maintain the momentum of the Phase I effort. The Phase II proposal invitation process expeditiously identifies those Phase I awardees deserving of Phase II awards.

Eligibility:

- > Small businesses must be for-profit, independently owned and operated, at least 51 percent owned and controlled by one or more individuals who are citizens of, or permanent resident aliens in, the U.S., with its principal place of business located in the U.S., and employing no more than 500 employees in order to qualify for SBIR assistance.
- For contracting, the principal investigator involved in the research must be primarily employed by the small business, a minimum of two-thirds of the Phase I work and one-half of the Phase II work must be performed by the proposing firm (i.e. the small business), and all work must be performed in the U.S.

Elissa 'Lisa' Sobolewski SBIR Program Director (202) 254-6768 Elissa.sobolewski@dhs.gov DHS S&T SBIR Stop 0212

245 Murray Lane

Washington, DC 20528-0212

Additional helpful contact information can be found here:

https://www.sbir.dhs.gov/contactSBIR.aspx

9) U.S. Department of Transportation (DOT) SBIR Program

The objectives of the SBIR program include stimulating technological innovation in the private sector, strengthening the role of small business in meeting federal R/R&D needs, increasing private sector commercialization of innovations developed through federal SBIR R&D, increasing small business participation in federal R&D, and fostering and encouraging participation by socially and economically disadvantaged small business concerns and women-owned small business concerns in the SBIR program

Additional Information:

- The solicitation topics change yearly, but many are awarded from the Federal Aviation Administration, the Federal Highway Administration, and other major agencies of the Department of Transportation.
- Phase I provides support for the conduct of feasibility-related experimental or theoretical research or R/R&D efforts on research topics. The dollar value of the proposal may be up to \$150,000 unless otherwise noted and is subject to the availability of funding. The period of performance is generally six months
- The objective of Phase II is to continue the research or R&D efforts initiated in Phase I. There is also a Phase IIB, which expands on the findings from Phase II.

Eligibility:

- In order to be eligible, the company must be at least 51% American-owned and independently operated, be located in the U.S., be a for-profit business with no more than 500 employees, and the principal researcher must be primarily employed with the business throughout the project.
- All types of small business organizations may submit proposals, including high technology, R&D, manufacturing, and service firms. Companies with outstanding scientific or engineering competence in highly specialized products, processes or service areas may wish to apply their expertise to the research topics in this solicitation through a laboratory prototype.

➤ DOT SBIR Program Office, RVA-20 John A. Volpe National Transportation Systems Center U.S. Department of Transportation Research and Innovative Technology Administration 55 Broadway Cambridge, MA 02142-1093

Telephone: (617) 494 2051 Fax: (617) 494 2370

http://www.volpe.dot.gov/sbir/about.html

10) Environmental Protection Agency (EPA) SBIR Program

- ➤ The Environmental Protection Agency (EPA) is one of 11 federal agencies that participates in the SBIR Program established by the Small Business Innovation Development Act of 1982.
- The purpose of this Act was to strengthen the role of small businesses in federally funded R&D and help develop a stronger national base for technical innovation.

Additional Information:

- ➤ EPA issues annual solicitations for Phase I and Phase II research proposals from science and technology-based firms. Under Phase I, the scientific merit and technical feasibility of the proposed concept is investigated. EPA awards firm-fixed-price Phase I contracts of up to \$80,000 for 6 months.
- Through this phased approach to SBIR funding, EPA can determine whether the research idea, often on high-risk advanced concepts, is technically feasible, whether the firm can do high-quality research, and whether sufficient progress has been made to justify a larger Phase II effort.
- Phase II contracts are limited to small businesses that have successfully completed their Phase I contracts. The objective of Phase II is to develop and commercialize the Phase I technology. Competitive awards are based on the results of Phase I and the commercialization potential of the Phase II technology. In Phase II, EPA awards contracts of up to \$300,000 for two years. EPA also offers a "Commercialization Option" of up to \$70,000 and one additional year for firms with third party financing for accelerating commercialization.

Eligibility:

➤ In order to be eligible, the company must be at least 51% American-owned and independently operated, be located in the U.S., be a for-profit business with no more than 500 employees, and the principal researcher must be primarily employed with the business throughout the project.

> James Gallup, Ph.D.

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11) National Aeronautics and Space Administration SBIR Program

- The NASA SBIR Program provides an opportunity for small, high technology companies and research institutions (RI) to participate in Federal Government sponsored research and development (R&D) efforts in key technology areas.
- NASA's SBIR Program is a three- phased approach for the small business concern to develop a technology in response to a specific set of NASA mission driven needs as presented in the NASA SBIR Annual Solicitation, which will be posted here: http://sbir.gsfc.nasa.gov/SBIR/SBIR.html

Additional Information:

- The SBIR/STTR program provides the small business researcher, or research institution, with a technology or idea, the opportunity to adapt or apply that technology towards a specific subtopic for NASA mission needs, which will be identified in the annual program solicitations. If the idea or technology is recommended by a Center in response to a topic or subtopic need, a Phase I contract will be negotiated.
- Search the NASA SBIR/STTR Archives Gateway for information on previous awardees, and their innovations. The Archives Gateway can be located here: http://sbir.gsfc.nasa.gov/SBIR/archives.htm
- NASA will not accept unsolicited proposals.

Eligibility:

- To be eligible for the SBIR Program, a small business must be independently owned and operated in the United States by U.S. citizens or permanent resident aliens. It must be organized for profit. Including any affiliates, the company can be the employer of no more than 500 people.
- The Principal Investigator (PI), who is listed in the proposal as the technical manager to lead the proposed research, is considered key to the success of the effort; therefore, a PI's involvement with the project must be substantial. For SBIR, the PI must be primarily employed by the small business at the time of contract award.

➤ Carl Ray

SBIR/STTR Executive Director Commercial Technology Office, Code RC NASA - HQ 300 E St. SW - Code - XC Washington, DC 20546 Phone (202) 358-4652 FAX (202) 358-3878 CRAY@HQ.NASA.GOV

12) National Science Foundation (NSF) SBIR Program

The primary objective of the NSF SBIR Program is to increase the incentive and opportunity for small firms to undertake cutting-edge, high risk, high quality scientific, engineering, or science and engineering education research that would have a high potential economic payoff if the research is successful.

Additional Information:

➤ Under this solicitation, SBIR Phase I proposals may be submitted for funding up to \$150,000. SBIR Phase I projects run for six months. The program expects to make approximately 250 fixed amount awards. Award notification is typically four to six months from the proposal submission deadline date.

Eligibility:

- Only firms qualifying as a small business are eligible to participate in the SBIR program. Socially and economically disadvantaged small businesses and women-owned small businesses are particularly encouraged to participate. For an SBIR Phase I proposal, a minimum of two-thirds of the research must be performed by the small business and the balance may be done by a consultant or subcontractor or a combination of the two.
- Proposals from joint ventures and partnerships are permitted, provided the entity created qualifies as a small business. Proposing firms are also encouraged to take advantage of research expertise and facilities that may be available to them at colleges, universities, national laboratories, and from other research providers. Such collaborations may include research subcontracts, consulting agreements or the employment of faculty as senior personnel and of graduate or undergraduate students as assistants by the small business.

Contact Information:

➤ Gregory T. Baxter
Program Director
Biotechnology and Chemical Technologies (BC)
(703) 292-7795
http://www.nsf.gov/eng/iip/sbir/

Small Business Technology Transfer Program (STTR)

> STTR is a program that expands funding opportunities in the federal innovation research and development arena. Central to the program is expansion of the public/private sector partnership to include the joint venture opportunities for small business and the nation's premier nonprofit research institutions. STTR's most important role is to foster the innovation necessary to meet the nation's scientific and technological challenges in the 21st century.

Additional Information:

- > STTR is a highly competitive program that reserves a specific percentage of federal R&D funding for award to small business and nonprofit research institution partners. Small business has long been where innovation and innovators thrive. But the risk and expense of conducting serious R&D efforts can be beyond the means of many small businesses.
- Conversely, nonprofit research laboratories are instrumental in developing high-tech innovations. But frequently, innovation is confined to the theoretical, not the practical. STTR combines the strengths of both entities by introducing entrepreneurial skills to high-tech research efforts. The technologies and products are transferred from the laboratory to the marketplace. The small business profits from the commercialization, which, in turn, stimulates the U.S. economy.
- Each year, the following five federal departments and agencies are required by STTR to reserve a portion of their R&D funds for award to small business/nonprofit research institution partnerships:
 - o Department of Defense: http://www.acq.osd.mil/osbp/sbir/solicitations/
 - o Department of Energy: http://www.sc.doe.gov/sbir/
 - Department of Health and Human Services: http://grants.nih.gov/grants/funding/sbir.htm
 - National Aeronautics and Space Administration: http://sbir.gsfc.nasa.gov/SBIR/SBIR.html
 - o National Science Foundation: http://www.nsf.gov/eng/iip/sbir/
- Following submission of proposals, agencies make STTR awards based on small business/nonprofit research institution qualification, degree of innovation, and future market potential. Small businesses that receive awards then begin a three-phase program.
- ➤ Phase I is the startup phase. Awards of up to \$100,000 for approximately one year fund the exploration of the scientific, technical, and commercial feasibility of an idea or technology.
- ➤ Phase II awards of up to \$750,000, for as long as two years, expand Phase I results. During this period, the R&D work is performed and the developer begins to consider commercial potential. Only Phase I award winners are considered for Phase II.
- ➤ Phase III is the period during which Phase II innovation moves from the laboratory into the marketplace. No STTR funds support this phase. The small business must find funding in the private sector or other non-STTR federal agency funding.

Eligibility:

- ➤ In order to be eligible, the company must be at least 51% American-owned and independently operated, be located in the U.S., be a for-profit business with no more than 500 employees, and the principal researcher must be primarily employed with the business throughout the project.
- There is no size limit for the partnering nonprofit research institution, but this institution must be located in the U.S. and meet one of the three following definitions: nonprofit college or university, domestic nonprofit research organization, or federal funded R&D center (FFRDC). The following link provides a master list of all federally funded R&D centers: http://www.nsf.gov/statistics/nsf05306/

Contact Information:

➤ US Small Business Administration Office of Technology 409 Third Street, SW Washington, DC 20416 (202) 205-6450

http://archive.sba.gov/aboutsba/sbaprograms/sbir/sbirstir/SBIR_STTR_DESCRIPTION_html



Federal Section III: National Science Foundation

The National Science Foundation (NSF) is an independent federal agency created by Congress in 1950 to promote the progress of science, advance the national health, prosperity, and welfare, and secure the national defense. NSF is the only federal agency whose mission includes support for all fields of fundamental science and engineering, except for medical sciences. The NSF supports research opportunities across many fields.

1) Industry/University Cooperative Research Centers Program

The Industry/University Cooperative Research Centers (I/UCRC) program develops long-term partnerships among industry, academia, and government. The centers are catalyzed by a small investment from the National Science Foundation (NSF) and are primarily supported by industry center members, with NSF taking a supporting role in the development and evolution of the center.

Additional Information:

- This program helps to establish meaningful partnerships in order to spawn research in the scientific field that can eventually be turned into a commercial product.
- An I/UCRC contributes to the nation's research infrastructure base and enhances the intellectual capacity of the engineering and science workforce through the integration of research and education with industry. As appropriate, an I/UCRC uses international collaborations to advance these goals within the global context.

Eligibility:

- Only U.S. academic institutions with graduate research programs may apply.
- ➤ Grantee institutions that have an active single university I/UCRC award are not eligible to apply for another single university center; however, they may apply for a multi-university center.

Contact Information:

Rathindra (Babu) DasGupta, Lead I/UCRC Program Director, Directorate for Engineering, telephone: (703) 292-8353,

fax: (703) 292-9057, e mail: rdasgupt@nsf.gov

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5501&org=NSF&sel_org=XCUT&from=f

<u>und</u>

2) Grant Opportunities for Academic Liaison with Industry

Frant Opportunities for Academic Liaison with Industry (GOALI) promotes university-industry partnerships by making project funds or fellowships/traineeships available to support an eclectic mix of industry-university linkages. Special interest is focused on affording the opportunity for individuals in private and academic settings to gain interdisciplinary experience through research.

Additional Information:

- The GOALI program seeks to stimulate interactions and staff exchange between universities and industry. For example, faculty, postdoctoral fellows, and students are encouraged to develop creative modes of collaborative interactions with industry through individual or small-group projects, and industry-based fellowships or traineeships for students and postdoctoral fellows. The GOALI mechanisms suggested below are *examples only* and proposers are encouraged to modify or adapt them to meet individual needs or realize imaginative ideas.
- International collaborations that strengthen proposed project activities are encouraged, when there is an opportunity for coordinated funding with colleagues from foreign institutions who will add value to the project.
- ➤ Past examples of GOALI projects include an extended faculty experience in industry (of several months duration) to foster industry-university collaboration, support of untenured faculty for an internship in industry, or support for continuing education in industry towards advanced degrees.

Eligibility:

- NSF funds cannot go to an industry partner; they can only be used by the academic institution.
- For fellowships/traineeships, only U.S. citizens, nationals, or permanent residents are eligible to apply for support under this program.

Contact Information:

Donald Senich

GOALI Solicitation Coordinator: Senior Advisor

Small Business Procurement Policy

Directorate for Engineering,

550 S

Telephone: (703) 292-7082,

Fax: (703) 292-9056,

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13706&org=NSF&sel_org=XCUT&from=

<u>fund</u>

3) Science and Technology Centers: Integrative Partnerships

The Science and Technology Centers (STC): Integrative Partnerships program supports innovative, potentially transformative, complex research and education projects that require large-scale, long-term awards. STCs conduct world-class research through partnerships among academic institutions, national laboratories, industrial organizations, and/or other public/private entities, and via international collaborations, as appropriate.

Additional Information:

- Centers provide a rich environment for encouraging future scientists, engineers, and educators to take risks in pursuing discoveries and new knowledge. STCs foster excellence in education by integrating education and research, and by creating bonds between learning and inquiry so that discovery and creativity fully support the learning process.
- > These Centers must:
 - Support research and education of the highest quality in a Center-based environment;
 - Build off of opportunities in science (including the social sciences), education, engineering and/or technology where the complexity of the research agenda requires the advantages of scope, scale, flexibility, duration, equipment, and facilities that a Center can provide;
 - O Support innovative frontier investigations at the interfaces of disciplines and/or investigations that will lead to fresh approaches within disciplines;
 - Engage and develop the nation's intellectual talent, including groups underrepresented in the sciences, mathematics and engineering, in the conduct of research and education activities;
 - Promote organizational connections and linkages within and between campuses, schools and/or the world beyond (e.g., state, local, federal agencies, national labs, industry, international collaborations), capitalizing upon cyberinfrastructure to facilitate these linkages;
 - o Focus on integrative learning and discovery and the preparation of U.S. students for a broad set of career paths; and
 - o Foster science and/or engineering in service to society, especially with respect to new research areas and promising new instrumentation and technologies.

Eligibility:

Preliminary proposals and invited full proposals may be submitted by U.S. academic institutions that have research and degree-granting education programs in any area of research supported by NSF. The lead institution is expected to develop partnerships or arrangements with other universities/colleges, or other institutions such as national laboratories, research museums, private sector research laboratories, state and local government laboratories, and international collaborations as appropriate to enable the Center to attain its strategic goals.

➤ Pamela O'Neil, Staff Associate

> National Science Foundation Telephone: (703) 292-8040,

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5541&org=NSF&sel_org=XCUT&from=f

und

4) Partnerships for Innovation

The general goal of the Partnerships for Innovation Program (PFI) is to stimulate the transformation of knowledge created by research and education entities into innovations that create new jobs, build strong local, regional, and national economies, and improve the national well-being.

Additional Information:

- The purpose of these knowledge-enhancing partnership groups is to develop researchers who are more agile in adapting their research for use in new applications and to increase the potential viability of existing small businesses to leverage this capacity.
- Each partnership project will be composed of a knowledge-enhancing small group consisting, at a minimum, of the lead institution and two or more existing small businesses (referred to as knowledge-enhancement partner companies). The substantive core of the project focuses on exploration, re-definition, and creation of a novel platform, that is, one that can be applied to many markets and problems/opportunities (multi-product or process platform technologies).

Eligibility:

➤ U.S. universities and two- and four-year colleges (including community and technical colleges) accredited in, and having a campus located in the U.S., acting on behalf of their faculty members. Such organizations also are referred to as academic institutions. The lead (submitting) organization must be an academic institution.

Contact Information:

Sara B. Nerlove

PFI Program Director (Primary Contact) Partnerships for Innovation Program

Telephone: (703) 292-7077 Fax: (703) 292-9057

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5261

Federal Section IV: Additional Federal Resources

1) Internal Revenue Service

In addition to collecting tax revenue for the federal government, the Internal Revenue Service also administers tax credits and other programs meant to spur business growth

Additional Information:

- The expenditures of research and development ("R&D") are generally capital expenses. However, you can choose to deduct these expenditures as current business expenses using specific methods.
- ➤ Visit http://www.irs.gov/businesses/small/industries/article/0,.id=100123,00.html for additional information on this program

2) National Institute of Standards and Technology's Hollings Manufacturing Extension Partnership (MEP)

➤ The National Institute of Standards and Technology's Hollings Manufacturing Extension Partnership (MEP) works with small and mid-sized U.S. manufacturers to help them create and retain jobs, increase profits, and save time and money. The nationwide network provides a variety of services, from innovation strategies to process improvements to green manufacturing. MEP also works with partners at the state and federal levels on programs that put manufacturers in position to develop new customers, expand into new markets and create new products.

Additional Information:

- ➤ MEP field staff has over 1,400 technical experts located in every state serving as trusted business advisors, focused on solving manufacturers' challenges and identifying opportunities for growth. As a program of the U.S. Department of Commerce, MEP offers its clients a wealth of unique and effective resources centered on five critical areas: technology acceleration, supplier development, sustainability, workforce and continuous improvement.
- Innovation is at the core of what MEP does. Manufacturers that accelerate innovation are far more successful than those who don't. By placing innovations developed through research at federal laboratories, educational institutions and corporations directly in the hands of U.S. manufacturers, MEP serves an essential role sustaining and growing America's manufacturing base. The program assists manufacturers to achieving new sales, leading to higher tax receipts and new sustainable jobs in the high paying advanced manufacturing sector.
- As a public/private partnership, MEP delivers a high return on investment to taxpayers. No other program provides as much bang for the buck. For every one dollar of federal investment, the MEP generates \$32 in new sales growth. This translates into \$3.6 billion in

new sales annually. For every \$2,000 of federal investment, MEP creates or retains one manufacturing job.

Contact Information:

- Click the following link to find the MEP center location nearest to you that can assist you in potentially accessing funding through this program: http://patapsco.nist.gov/mep/centers-near-you/index.htm
- Click the following link to contact technical experts in your region who can serve as trusted business advisors, focusing on your manufacturing challenges and identifying opportunities for growth: http://patapsco.nist.gov/mep/centers-near-you/index.htm



New York State Section I: New York State Foundation for Science, Technology and Innovation (NYSTAR)

NYSTAR was created as part of the landmark Jobs 2000 Act (J2K), passed by the New York State Legislature and signed into law in 1999. This program aims to harness the economic power within New York State's more than 300 public and private research universities and institutions of higher learning by investing in job-creating technologies.

Each program is awarded on a competitive basis, meaning each proposal is judged on merit. While each program has different criteria, most awards are made based on the quality of the science contained in the proposal and the proposal's potential for significant economic impact in New York State.

1) Technology Transfer Incentive Program

The Technology Transfer Incentive Program (TTIP) is intended to accelerate the commercialization of technology developed or enhanced at an institution of higher education by providing short-term State assistance to the Applicant Institution working in collaboration with a New York company partner to commercialize intellectual property or research from the Applicant Institution.

Additional Information:

- ➤ The goals of TTIP are as follows:
 - o Helping companies bring new products and services to market
 - Increasing federal, corporate and venture capital investments in companies and hightechnology research and development
 - o Expanding the research capabilities and economic impact of New York's institutions of higher education.

Eligibility:

Any institution of higher education, including community colleges, in New York State is eligible to submit up to two proposals. An institution of higher education is an educational institution in New York State that offers post-secondary education and awards associates, bachelors, masters, and/or doctoral degrees and may also offer post-doctoral education.

Contact Information:

➤ Jannette Rondo 30 South Pearl Street, 11th Floor Albany, NY 12207 Telephone: (518) 292-5700 http://www.nystar.state.ny.us/ttip.htm

2) Matching Grants Leverage Program

The goal of the New York State Foundation for Science, Technology and Innovation (NYSTAR) Matching Grants Leverage Program is to assist New York State research institutions in attracting new federal and private foundation or industry research dollars to New York. NYSTAR will consider a Matching Funds Grant request once all of the required information as described below has been submitted and the availability of funds has been determined.

Additional Information:

State matching funds may be used for expenses including, but not limited to, salaries of the principal investigator and the research staff, equipment, materials, and supplies. NYSTAR funds cannot be used to pay for general operational costs such as rent and utility costs. All indirect costs charged to NYSTAR and matching funds are limited to a maximum of 15 percent of total salaries plus fringe benefits

Eligibility:

- ➤ Higher education and not-for-profit research institutions in New York State are eligible to apply for matching funds or a letter of support.
- ➤ The institution must meet a 3:1 matching requirement of dollars coming into New York State

Contact Information:

- Visit http://www.nystar.state.ny.us/mglp/mglprfp3.pdf for additional information
- Mail your application to the address below:
 - Matching Grants Leverage Program
 New York State Foundation for Science, Technology and Innovation 30 S. Pearl Street, 11th Floor
 Albany, NY 12207-3425

Email: matching@nystar.state.ny.us

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3) Small Business Technology Investment Fund (SBTIF)

➤ The Small Business Technology Investment Fund (SBTIF) provides early stage high-tech companies throughout New York State with a potential source of venture capital to promote new job creation and economic growth.

Additional Information:

- ➤ The Fund makes venture capital investments taking an equity position in NYS based companies that have developed innovative technology products (and related services), generally have well-protected intellectual property, display significant competitive advantage(s) and have market acceptance.
- SBTIF is interested in all technology areas. The Fund has invested in medical devices, Information Technology (IT), software, electronics, biotechnology, optics, nanotechnology, telecommunications, and materials science, concentrating its efforts in geography of the State typically underserved by venture capitalists.

Eligibility:

Companies must be headquartered in the State of New York to be considered for SBTIF funding.

Contact Information:

- Email <u>venture@nystar.state.ny.us</u> for additional information
- > Telephone: (518) 292-5700

Additional NYSTAR Resources

New York State has a robust infrastructure for maintaining and expanding businesses, including local development administrations, economic development organizations, and technology and small business enterprises. Visit http://www.nystar.state.ny.us/gis.htm for a regional listing of resources in your area.

1) Technology Incubators

New York State is home to over 80 incubator and co-location facilities, in every region of the state, including the oldest incubator in the nation at the Batavia Industrial Center in the Finger Lakes. These include technology-specific facilities for life science companies and broad-based business incubation centers. For assistance locating an incubator facility to meet your company's needs, please visit the regional links below or contact NYSTAR at (518) 292-5700.

Contact Information:

Visit http://www.nystar.state.ny.us/incubators.htm for additional information

2) Research Equipment and Facilities Database

- New York State has hundreds of institutions that maintain equipment that is not in use 100% of the time. Many universities or other institutions are willing to share this equipment with those interested in using it.
- The NYSTAR Research Equipment and Facilities Database includes: state-of-the-art equipment, labs and prototyping facilities at New York's colleges, universities and research centers. This database offers a link to investments made in these facilities for research, prototyping and product development.
- Visit http://www.nystar.state.ny.us/ref/index.htm for additional information

3) NYS Research, Development and Outreach Centers

- A central element of NYSTAR's mission is the recognition that New York's world-class public and private research universities and academic centers are powerful economic development engines that can create high-tech jobs and opportunity in New York.
- NYSTAR research centers provide the physical and intellectual infrastructure necessary to achieve impressive scientific research in New York State. NYSTAR keeps a list of such organizations and institutions in order to provide businesses hoping to collaborate with the ability to contact each other.
- Visit http://www.nystar.state.ny.us/research.htm for additional information

New York State Section II: New York State's Empire State Development

Empire State Development (ESD) is New York State's primary agent for economic development, dedicated to making New York the most compelling place in which to live, work and do business. With centers in Albany, Buffalo, and New York City, the Agency partners with local private and public institutions to create an environment that encourages economic development.

ESD's services include:

- Conducting targeted corporate outreach to companies in key industry clusters while providing retention, expansion and attraction services to the State's largest and most important employers.
- o Providing hands-on technical assistance to help businesses, big and small, meet their goals.
- Helping companies identify the financial assistance that will most benefit their business.
 This includes direct loans, loan guarantees and grants that can help companies reduce the costs of undertaking a job creation or retention project in the State.

1) Business Programs

Empire State Development has many specific programs aimed at providing businesses with the greatest chance of meeting their needs. Many of the programs are targeted at narrow areas of development and can provide great assistance if an application fits the criteria.

Additional Information:

Empire State Development has resources that satisfy multiple needs:

ENA

- o Loans and Grants: These provide opportunities for regional or specialized businesses to attain information on programs that could be useful to them.
- O Tax Credits: This provides information on federal and state programs that can be useful for development of programming or facilities in New York State
- Visit http://www.empire.state.ny.us/BusinessPrograms.html for additional information

2) Environmental Investment Program (EIP)

The goal of the Environmental Investment Program is to help businesses test, evaluate and demonstrate the technical and/or economic feasibility of new products, technologies or practices that prevent pollution, reduce, reuse, or recycle waste.

Additional Information:

- This program provides funding resources in order to complete studies or projects that will lead to the commercialization of a product that helps the environment.
- Projects are evaluated on their commercialization potential, ability to prevent pollution or waste, ability to promote reuse or recycling, and additional minor qualifications

Eligibility:

NYS businesses and non-profit organizations that employ fewer than 500 workers or earn less than \$10 million in gross annual sales.

Contact Information:

Visit http://www.empire.state.ny.us/BusinessPrograms/Data/EIP/EIPRD QuickSheet.pdf for additional information



Letters of Support from Senator Gillibrand

While Senator Gillibrand does NOT decide which organizations are awarded grants, there are instances in which it is appropriate for the Senator Gillibrand to write a letter of support for an application. If you wish to request a letter of support for your application, you must supply Senator Gillibrand with the following:

- 1. A description of your organization,
- 2. Summary of the application,
- 3. a description of what the money will be used for, and
- 4. a draft letter of support

Please forward this information to the nearest regional office:

Capitol District

Senator Kirsten E. Gillibrand Leo W. O'Brien Federal Office Building

1 Clinton Square Room 821

Albany, NY 12207 Tel: (518) 431-0120

Fax: (518) 431-0128

Buffalo/Western New York

Senator Kirsten E. Gillibrand

Larkin at Exchange

726 Exchange Street, Suite 511

Buffalo, NY 14210 Tel: (716) 854-9725 Fax: (716) 854-9731

Long Island

Senator Kirsten E. Gillibrand

155 Pinelawn Road Suite 250 North

Melville, NY 11747

Tel: (631) 249-2825

Fax: (631) 249-2847

New York City

Senator Kirsten E. Gillibrand

780 Third Avenue

Suite 2601

New York, New York 10017

Tel. (212) 688-6262

Fax (212) 688-7444

North Country

Senator Kirsten E. Gillibrand

PO Box 273

Lowville, NY 13367

Tel. (315) 376-6118

Fax (315) 376-6118

Rochester Region

Senator Kirsten E. Gillibrand

Kenneth B. Keating Federal Office Building

100 State Street

Room 4195

Rochester, NY 14614

Tel. (585) 263-6250

Fax (585) 263-6247

Syracuse/Central New York

Senator Kirsten E. Gillibrand James M. Hanley Federal Building 100 South Clinton Street Room 1470

PO Box 7378 Syracuse, NY 13261

Tel. (315) 448-0470

Fax (315) 448-0476

Westchester County

Senator Kirsten E. Gillibrand Tel. (914) 725-9294

Fax (914) 472-5073

Washington D.C.

Senator Kirsten E. Gillibrand

United States Senate

478 Russell Senate Office Building

Washington, DC 20510

Tel. (202) 224-4451

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TTY/TDD: (202) 224-6821

